

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PIXART IMAGING (PENANG) SDN. BHD.	11/13/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PIXART IMAGING INC.
<b>Street Address:</b>	5F, NO. 5, INNOVATION ROAD I
<b>Internal Address:</b>	SCIENCE-BASED INDUSTRIAL PARK
<b>City:</b>	HSIN-CHU COUNTY
<b>State/Country:</b>	TAIWAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14453199
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	4459-480
<b>NAME OF SUBMITTER:</b>	BENJAMIN J. HAUPTMAN
<b>SIGNATURE:</b>	/Benjamin J. Hauptman/
<b>DATE SIGNED:</b>	12/27/2018
<b>Total Attachments: 2</b>	
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source=Assignment#page2.tif	

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## ASSIGNMENT

WHEREAS, PixArt Imaging (Penang) SDN. BHD., a company from Malaysia, whose post office address is Ground and First Floor, Kompleks Eureka, Universiti Sains Malaysia a 11800 Penang., owns all right, title, and interest in and to U.S. Application No. 14/453,199 and each invention disclosed and claimed therein by virtue of a chain of title from the inventor(s) to PixArt Imaging (Penang) SDN. BHD., as follows:

1. From Inventors to PixArt Imaging (Penang) SDN. BHD.

The document was recorded in the United States Patent and Trademark Office at Reel 033478, Frame 0854 and

WHEREAS, PixArt Imaging Inc., from Taiwan, whose post office address is 5F, No. 5, Innovation Road I, Science based Industrial Park, Hsin Chu County, Taiwan, R.O.C. (“PixArt Imaging Inc.”), desires to acquire and PixArt Imaging (Penang) SDN. BHD. is willing to assign to PixArt Imaging Inc. 100% of PixArt Imaging (Penang) SDN. BHD.’s right, title, and interest in and to the Patent and any inventions disclosed and claimed therein,

NOW THEREFORE, be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, PixArt Imaging (Penang) SDN. BHD. hereby sells, assigns, transfers, and sets over to PixArt Imaging Inc., its lawful successors and assigns, 100% of PixArt Imaging (Penang) SDN. BHD.’s right, title, and interest in and to the Patent, the invention claimed therein, any other patent application directed to the invention, and all Letters Patent of the United States that may be granted thereon, and all reissues, reexaminations, and extensions thereof; and all rights to claim priority on the basis of such application, and all extensions, renewals, and reissues thereof; and PixArt Imaging (Penang) SDN. BHD. hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to PixArt Imaging Inc., or its successors and assigns, in accordance with the terms of this Assignment; AND,

Each Party HEREBY further covenants and agrees that each Party, through its officers and employees, will, without further consideration, communicate with the other Party, or its successors and assigns, any facts known to the Party and its officers and employees respecting the invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to

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the invention in PixArt Imaging Inc., or its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths, and generally do everything possible to aid PixArt Imaging Inc., or its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by parties, or its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

PixArt Imaging (Penang) SDN. BHD.

By: 

Mei-Wei Lo

Title: Director

Date: November 13, 2018

PixArt Imaging Inc.

By: 

Chia-Lin Chang

Title: General Counsel

Date: November 13, 2018